TARC NEWSLETTER

TITUSVILLE AMATEUR RADIO CLUB

JULY, 1995

OFFICERS

PRESIDENT: Charles Fagel KR4YZ 267-1475 SECRETARY: Bobbi Sue Wood AD4VV 268-8537
V.PRESIDENT: Tom Nguyen AD4NA 636-6663 TREASURER: Clyde Lee K4EOS 267-9375

CLUB INFORMATION

TARC Meetings: Monthly on 4th Tuesday at 1900 hrs at Jaycee Building
TARC Nets: VIP - Thursdays at 1000 hrs on 146.910
Friendship - Thursdays at 1830 hrs on 146.910
Mosquito - Wednesdays at 1900 hrs on 28.333
TARC Repeaters: VHF - 146.910 and 146.970. UHF - 444.150

PRESIDENT'S CORNER

By Charles Fagel KR4YZ

Don't forget Field Day Saturday and Sunday, the 24th and 25th of June at Fox Lake Park. If our compass is right and we know how to read it, we will be located in the large pavilion in the southeast corner of the park. Plans are to start setting up at 6:30 a.m. on Saturday and to tear down some time after 2 p.m. on Sunday. Chief Chef Cliff KC4SYD has all kinds of plans for good chow. Come on out and give a hand. Spend an hour or 24. We need help and every bit helps. Field Day is a club activity, so come out and join the fun and help make this years event another successful one. If you plan on turning up for dinner on Saturday, please bring a covered dish. The rest is pot luck.

The FCC has again started issuing club call signs, and we are applying for one on behalf of TARC. The first club call issued will be a sequential 2x3 call. Upon receipt of the 2x3 the club may, if desired, apply for a vanity sign. We might give thought as to a call sign that the club would like to have.

Our thanks to Tom AD4NA for taking over for us last month while we were away. We had a great time except for the 40 degree weather in Michigan. Stopped to visit Bill W9LBV and his XYL Ruth in Ft. Wayne, Indiana, and had a great visit. Bill and Ruth send their best to the folks down here.

It has been brought to our attention that in '90 the club held a pot luck dinner. It was suggested that we have another one. We will look at having one in September if there is enough interest.

We are still looking for 2 club historians. How about 2 volunteers?

VANITY CALL SIGNS

By Bob W4VQB

To those of you who plan on applying for a vanity call sign, the Form 610V will be available after July 31. Call 1-800-418-3676 for information and to secure the form, but don't call until after July 31.

JULY BIRTHDAYS

JULY 4	KC4ZHW	KARL BUSHONG
JULY 8	W4NMB	HOLLAND STARKEY
JULY 8	WN3DHI	ARCHIE SHETLER
JULY 9	KD4JBL	WILLIE WILLIAMS
JULY 9	KD4RQS	JOHN WOOLEY
JULY 10	KS4DW	CLARA LARRABEE
JULY 10	WB9MFJ	LARRY CARR
JULY 10	KE4RFN	BARBARA MURRAY
JULY 14	K4DZV	WALTER FANTON
JULY 17	KB4WLT	KEN WATSON
JULY 17	KE4OZD	DANNY BURDICK
JULY 17	KE4OWJ	DAVID BURDICK
JULY 20	N4DQT	BOB YOUNG
JULY 20	KC4VHH	GLEN YOUNG
JULY 20	KE4KSM	WAYNE WEST
JULY 23	KE4VWB	HELEN BURKS
JULY 23	KD4ROZ	LEONARD ZBIEGIEN
JULY 24	KN4VS	DAVE MERCHBERGER
JULY 24	KE4AGH	VERN ANDREWS
JULY 25	KC4YDP	JERRY RICHARDS
JULY 25	AD4VU	DAN WOOD
JULY 25	KE4AEF	HOWARD McNITT
JULY 27	AE4CB	DAVID HURST
JULY 28	KE4AGM	RICHARD LASURE
JULY 29	WA4CUO	BILL HOSKINSON
JULY 30	KE4YQI	DIANE FROGGE
JULY 30	WD8JLT	BRIAN SONNENBERG

WANTED TO BUY
Clean cheap 24-pin printer
Call WB4ZUZ Terry
267-9391

BUNNY HUNT
By Theresa WB4ZUZ

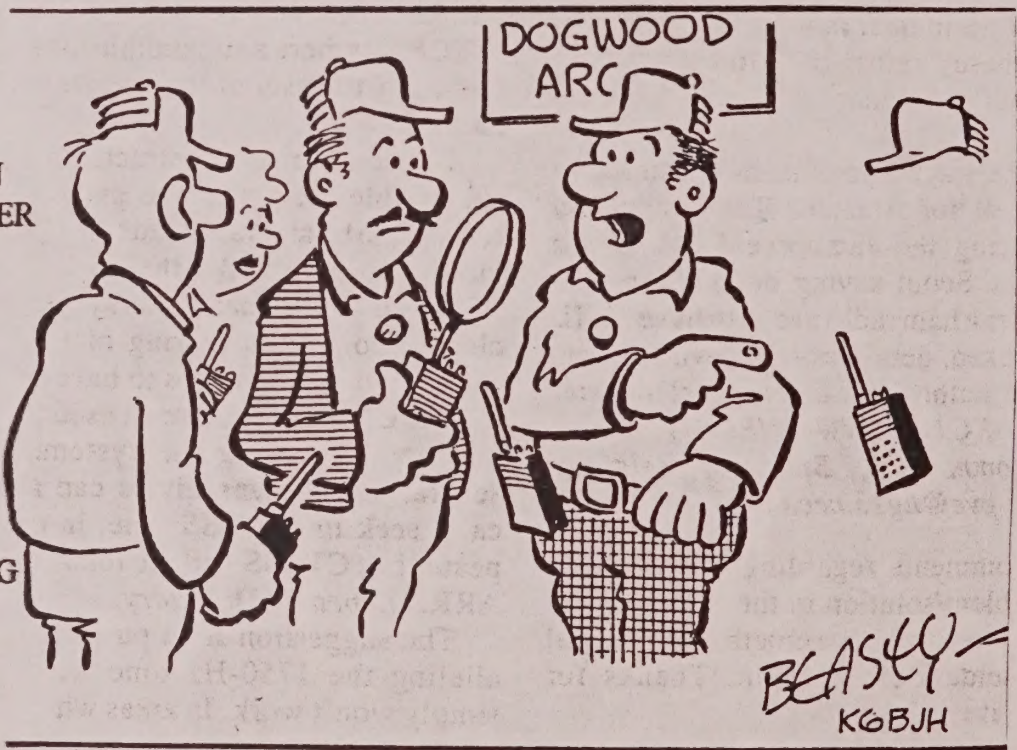
Derek grills hot dogs!
Terry browns brownies!
Frito Lays chips!

Come one, come all to the bunny hunt for beginning hunters as well as seasoned pros. July 9 at 1:00.

All you shiftless, I mean snifferless, bunny hunters should join us for a No Sniffer Required transmitter hunt. When you find the food, you've found the transmitter.

If you don't hunt but still want to join the fun, call Derek KE4BBD or Terry WB4ZUZ for directions on 146.97

Join us for a hot dog and a coke and cheer the group on!
Praise the artistry of the chef
Praise the perseverance of the hunters
Praise the skill of the winners
Praise the wisdom of the non participants
Sunday, July 9th at 1:00
be there. . .or be somewhere else.



LET'S CHOOSE SOMEONE BESIDES MYRON, HERE, TO BE HIDDEN TRANSMITTER-- I CAN NEVER SPOT HIM

HAMMING IT UP

By Kay Watson KD4VFQ

Having the advance electronics and equipment we might get the feeling we are safe. Even though we think disaster could not touch us, it has been proven how much we need to support amateur radio to help with special events, community emergencies, and natural disasters.

Certainly amateur radio has been very helpful in providing communications for special events. For example, we have used amateur radio for parades, they can let the people at the beginning of the parade know how things are going throughout the line. Amateur radio operators help every year with the Indian River Raft Race to let the judges know who is ahead and if anybody is in trouble. They also help in the annual solar car race that runs from Orlando to Cape Canaveral. The hams are right along with them to provide communications.

Then amateur radio is there to help with community emergencies. Last year there was a serious gas leak in West Titusville. Ham operators helped in providing much needed communications for the local people as well as city officials. They have been used to call for emergency help in car accidents where phones were not available. There is a special group in amateur radio that run the MARS net which helps the military people across the world send messages to their families in the states.

Most importantly, the amateur radio operators are there to transmit communications during and after natural disasters. For instance, during an approaching thunderstorm the ham operators have their emergency "skywarn" nets to keep track of the storms and report anything that could be dangerous to NOAA and the weather people. Ham operators have been used to send out communications after earthquakes when there were no phones. The most valuable service amateur radio operators provide - especially for this area - is communications in the event of a hurricane. When phone and power lines are down they can get the information out and be able to request help where it is needed. When Hurricane Andrew went through South Florida, not only were phones and power out, but it was three days before cellular phones would work because their towers were down. Amateur radio was the source of getting information in and out of this area at that time.

We may not need amateur radio operators all the time, but in case of special events, community emergencies, or natural disasters we are glad they are there. They can be real hams!

GUAM-ONE

By Norm AA4FY

On May 1, 1995, Bud K4CWG and his testing team gave the first class radio operator commercial exam to John Giles. There has been only about twenty of these examinations given in the country since the advent of commercial testing by the amateur community. John passed the twenty-five word per minute code-group exam, and then the twenty word per minute code-text exam. These completed his requirements to becoming a Maritime communications officer, a position he had accepted with a ship management company, pending the passing of these tests. On May 2, he and his wife left by air for Guam, where he is to begin a new vocation aboard an SS vessel that is centering activities in the Mariannas Islands.

The testing was completed at noon, and I was fortunate enough to mingle my way to lunch at Taco-Bell with the participants and meet this interesting individual. He leaves no doubt concerning his capability to handle such a responsibility. His elevator goes all the way to the top, and he ignores envy like a pro.

I, too, was based on Guam for a little over two years, beginning early 1947. The big war had been ended by Cliff in Europe and Pike in the Pacific, so my activities were limited to spelunking, beach combing, stealing composition-C, and beer drinking, all of which I excelled at. In trying to find some common ground with this new maritime officer, I noted that there probably was someone on Guam who might remember me after half a century, and he gave me the idea that this could be a challenge to locate a person that far removed. I dropped the subject because I could not at that time elaborate on the details required.

After the sun passed over the top each day on Guam and the temperature dropped below 140 degrees, some of us would leave the compound and go to Ada's to begin the evening. This partially involved surrounding numerous beers, all the aggie available, and staying out of the way of the Chinese Marines bivouacked next to us on the

compound. Ada made soap from coconuts and also had a bamboo room up on stilts with a thatched roof, but the roof was only over the edges of the room and the sky was very visible through the large center opening of the roof. A Polynesian girl named Tiki served beer to make-shift tables around the edge of the room. It was not nice to Tiki to be late for your first few rounds of beer each day, and it was dangerous to be among the last few to come into the hut each evening, as Tiki had developed tricks to play. I thought I was immune to any trick Tiki might play, since I had known her for some time, had taken flying-foxes to her bungalow, and was considered a nice person. But on being partially beered up and coming into the hut late one afternoon, Tiki led me to the moonlit center and proclaimed to the rambunctious multitude that for a $5.00 bet she would do something that only men heretofore had done.

Ed. Note: Space and good taste prevent me from printing the details of this bet. However, it is an interesting tale, and you should be sure to ask Norm to relate it to you. Now to continue the story.

I was seventeen at the time and Tiki was the age of a young Polynesian girl. I did not believe I could relate how this new maritime officer, should he play with such a challenge, might locate Tiki on Guam after about 50 years. He would probably not want to make gestures and say "Tiki?" to every 65 year old Guammanian lady he passed for the first time. So I dropped it, and that is about all I remember about Guam.

and also from Norm

Alice is an accomplished chef, and this is a recipe she has for men who find themselves in the predicament of preparing a turkey:

1	15 lb. turkey
2	cups bread crumbs
2	onions
2	cups popcorn
1	tsp. ea. salt & pepper

Stuff into turkey and bake at 350 deg. for 5 hours or until the popcorn blows the tail end off the turkey.

THE WHIPPY WHIP

By Nate Bushnell KD0UE
From Hints & Kinks

The 2-meter band bustles with repeater activity in the Denver area: Even with 15 kHz channel spacing, almost all the possible repeater frequencies are filled. Having many repeaters to choose from is great, but two aspects of repeater use give constant trouble: Inadequate antennas and battery packs on hand-held rigs. I've found a way to attack both of these problems at once: the Whippy Whip.

A hand-held rig works surprisingly well if used with a decent antenna; the "rubber duck" commonly used with hand-held rigs might better be called a "rubber dummy load"! The Whippy Whip is a move toward a decent antenna. It consists of a BNC connector and a length of 0.025-inch music wire (available at hardware stores. My wire cost 15 cents). Disassemble the BNC connector so that no insulation is left in contact with the center pin. Sandpaper the end of the wire and tin it lightly. Then, solder the end of the wire to the connector's hollow center pin. Assemble the BNC and cut the overall length of the antenna to 1/4 wavelength at the center of the 2-meter repeater band (19 to 19-1/2") Make the wire a half inch or so longer than necessary to allow the wire end to be bent into a small loop with needle-nose pliers. Don't use the Whippy Whip without adding this loop because the end of the wire is dangerously sharp.)

With the Whippy Whip in place, you can make many contacts impossible with a rubber duck. Because the Whip is a significantly better antenna than the duck, you may often find that you can use your hand-held at its low-power setting and get more QSOs per charge out of the rig's battery pack. Not bad for a buck's worth of parts! By the way, I find the Whippy Whip to be every bit as convenient as a rubber duck because it can be looped into a circle or put into a pocket. It literally springs into action when released!

DON'T FORGET TO ATTEND THE CLUB MEETING ON JUNE 27, 7:00 P.M., JAYCEE BUILDING ON SINGLETON.

A BURGLAR-ALARM-TAPE ANTENNA FOR 2 METERS

By Van Flynn N5ARU
From Hints & Kinks

If you're a ham who is also a business person, you've probably discovered that being stuck in an office all day can mean doing without the use of VHF Amateur Radio. Privacy is one consideration; fortunately, I have an office all to myself.

Aside from this, however, an office building is usually a prohibitively RF-noisy environment, and then there's the shielding effect of concrete and steel! Despite these difficulties, I wanted to install a 2-meter base-station transceiver in my office. An outdoor antenna seemed to be the only means of minimizing the building's RF noise and shielding effects until I discussed the problem with my friends, Sam Payne KB5VC and Joe Matlock N5ARY. They suggested using *burglar-alarm tape* for the elements of a 2-meter dipole antenna!

The idea works! I bought a small roll of self-adhesive alarm tape and two of the self-adhesive plastic blocks used for making electrical connections to the tape. I installed the tape on the inside of my office window in a "sideways inverted V" configuration (see diagram), beginning with two 19" long elements (the length of both elements must be adjusted, as will be described shortly). One element is vertical. I positioned the second element slightly below the first element at about 135 deg. from vertical.

The dipole is fed by means of RG-8X coax fastened to the connector blocks by means of the block terminal screws. The RG-8X center conductor is connected to the vertical antenna element; the lower antenna element is connected to the RG-8X shield. Nylon tie wraps and self-adhesive cable anchors hold the RG-8X to the window glass and keep most of the coax weight off the element connector blocks.

Tuning the antenna requires a transmitter and an SWR indicator. Use a razor blade to trim the antenna elements until you achieve the lowest possible SWR. (Make your cuts only when the transmitter is off.) Tuned in this way, my version of the burglar-alarm-tape antenna has a vertical element 16-3/4" long. The length of the "ground" element (connected to the coax shield) is 10-1/4".

The antenna handles 20 W of RF from my transceiver without difficulty. Although I use my tape antenna at the office, this idea may come in handy for apartment or condominium dwellers who are stuck with sealed windows. I've even thought of using a tape antenna in high-rise hotels: It can easily be removed from a window with just a razor blade!

Editor's Note: Hmm, such an antenna may also work well in the 222 to 225 MHz band. Novices, if you'd like to try a 222-MHz version of Van's tape antenna, start with 12-1/2" elements and tune the antenna as he describes. I wonder if the self-adhesive copper tape used by workers in stained glass would be suitable for use as antenna-element material?

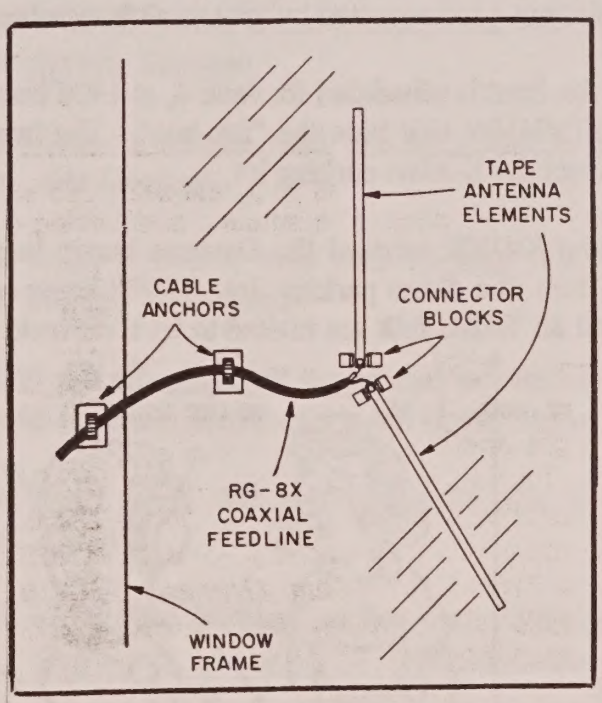


Fig 56—Van Flynn's burglar-alarm-tape antenna. See the text for element lengths and tuning information.

REMINDER

Want ads are free to members. If you have something to sell, or are looking for a specific item, place your ad in this newsletter. We accept ads for all types of ham equipment and related items. OUR ADVERTISERS GET RESULTS!

TREASURER'S REPORT

By K4EOS Clyde Lee

BALANCE FORWARD FROM 1994	1,070.58
DEPOSITS Year to date	3,165.87
TOTAL INCOME	$4,236.45
EXPENDITURES	2,496.18
BALANCE AS AT 5/31/95	$1.740.27

MAY MEETING

By Bobi Sue Wood AD4VV

The meeting was called to order at 1710 hours by Tom AD4NA, presiding for the absent KR4YZ, before 43 members and guests. After the usual pledge and introductions, the following items were discussed:

1. All new members (17) listed in the May and June Newsletters were accepted by vote as club members.

2. A fox hunt is scheduled for June 4, at 1300 hours and Ken KD4HNW will hide the "fox-box". The hunt will start from the K-Mart parking lot.

3. John K4JYX advised the Daytona bunny hunt will start from the Sears parking lot at 1900 hours on May 27, and all TARC folk are invited to try their luck.

4. Ray N4LEM gave a brief presentation on the use and effectiveness of *Digital Signal Processing Equipment (DSP)*. Questions from the floor suggested that several members were interested in this audio enhancement device.

After the refreshment break, the meeting was turned over to Warren KS4GP, chairman of our Field Day activities. Warren gave a summary of the Field Day event, and the club's plans for participation. He identified the committee chairmen, their scope of activities, and he noted the several items of equipment that still are needed. Warren advised that plans are progressing quite well, and the club will be prepared come the 24/25 of June. He urged all members to join in the fun at Fox Lake Park from set-up on Saturday morning through take-down on Sunday afternoon!

Great job, Warren. We're all looking forward to it! And don't forget. Bring a covered dish; a huge appetite and your folding chairs, so's to enjoy the great Field Day Pig-In on Saturday, starting at 1600 hours!

The meeting adjourned at 2045 hours.

HEY, THIS GUY AIN'T IN OUR CLUB--- HE SAYS RIGEL 5 IS HAVING THEIR FIELD DAY, TOO, AND WHY DON'T WE GIVE THEM A CALL ON THE HYDROGEN SUB-BAND

ABELL'S ANECDOTES

By Pike W4EPU

You are all aware of the definition of phobia - an irrational fear of a particular object, class of objects, or situation. As in Claustrophobia - morbid dread of being in a closed room or narrow spaces. Or the opposite, Agoraphobia - dread of crossing or being in the midst of open spaces. Dictionaries are full of definitions of phobias, but here are some that are probably not listed anywhere else.

>*Flutter-phobia:* The fear of being in front of an audience, those little butterflies inside you.

>*Vulture-Phobia:* An acute state of flutter-phobia. What was once little butterflies inside you are now the size of buzzards.

>*Buzz-a-phobia:* Not to be confused with vulture-phobia. It is the fear of something buzzing around your head. Includes bees, flies, mosquitoes, etc. Actually anything that makes you duck, jump, swat, run or scream.

>*Fly-a-phobia:* Not the same as buzz-a-phobia at all. It is the fear by men of walking around in public with the fly unzipped.

>*Run-a-phobia:* Closely associated with fly-a-phobia. It is women's fear of being in public with a run in their stockings.

These next few are sports-a-phobias:

Loss-a-phobia: A coach's fear of losing every game he coaches.

Humil-a-phobia: The coach's fear of being humiliated when his team loses.

Fan-a-phobia: Umpire's fear of venomous barbs and snide remarks of fans.

Pro-phobia: Parents expecting their kids to play like professionals, and

Redface-a-phobia: Parents' fear of embarrassment when kids don't play like pros.

Then there's,

Ham-a-phobia: To dread the thought of being an amateur radio operator. For forty-five years Clara had a bad case of ham-a-phobia until just recently when she became KE4YQL.

And finally,

Idio-phobia: The fear of writing something that makes you look like an idiot. I certainly don't have that, otherwise what you are now reading would never have been written. 73s

THIS AND THAT

By Joan Hoag KE4SXU

If all the ants somehow disappeared the effect would be "catastrophic". Species extinction would increase even more over the present rate.....the world would rot, vegetation die and with it the last remnants of the vertebrates. (luckily) today there are 10 thousand trillion ants in tens of thousands of species. *Journey to the Ants*

Overall energy consumption refuses to drop. Is failure to reduce consumption a bad thing? Reducing overall energy use does not necessarily help future generations. Twentieth century Americans would be no better off if their 19th century forebears had insisted on hoarding their chief source of energy, wood. *Road to Nowhere*

The females of all species are most dangerous when they appear to retreat. *Marquis*

You don't know a woman until you have had a letter from her. *Ada Leverson*

Can you recall a woman who ever showed you with pride her library? *De Casseres*

A beautiful and sparkling, but superficial woman rules a wide circle; a woman of culture a small one. *Goethe*

If a man hears much that a woman says, she is not beautiful. *Haskins*

The wife carries the husband on her face. *Bulgarian proverb*

Only one who is in pain really senses nothing but himself. *Hannah Arendt*

All men are ordinary men; the extraordinary men are those who know it. *Chesterton*

Is it progress if a cannibal uses knife and fork? *Lec*

If you expect to see the final results of your work, you have simply not asked a big enough question. *Arab Proverb*

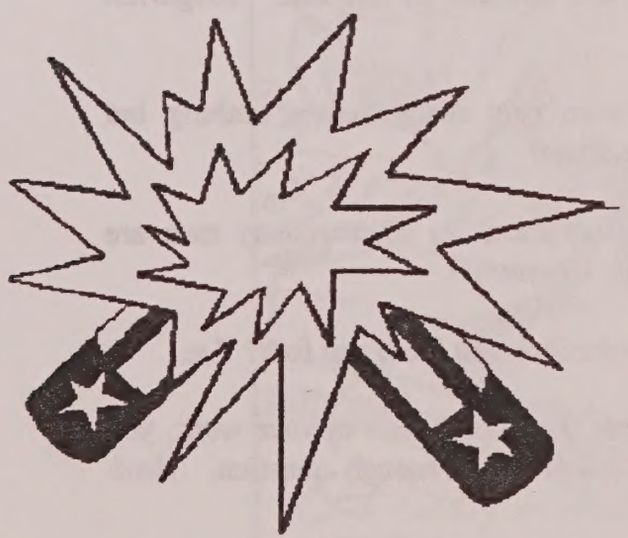
MEMBERSHIP UPDATE

Total membership: 281. (216 regular, 56 family, 9 honorary.)

NEW MEMBERS: KE4ZOZ ACE PIOTROWSKI
KE4MXH MARILYN LINEBAUGH

RENEWALS:
KB4BHS GLENN LEE
KY4BY CLARENCE BAUER
KK4EY LEE ROLL
KD4EYR JUNE ROLL
W0LRC COFFEE COFFMAN
K4EGV CHARMINE COFFMAM
KS4GP WARREN MURAY
AC4JX DAVE CREASMAN
W9LSD DICK DUEL
KE4MFW WALLY GENTRY
W4NMB HOLLAND STARKEY
AD4PP G. MOSKOVITZ
AA2UE MIKE CAVALERA
AC4WM MITCH MATHENY
N4ZNQ JIM MEEKS
KE4ZPA JOHN RENNINGER

HAMFEST CALENDAR

7/15-16	Atlanta GA
8/5-6	Jacksonville FL
8/19-20	Huntsville, AL
8/26	Madison, GA
9/9-10	Melbourne, FL
9/23	Anniston, AL
9/24	New Port Richey, FL
10/7	Biloxi, MS
10/8	Boaz, AL
10/14	Augusta, GA
10/14	Stark, FL
10/21-22	West Palm Beach, FL
10/28	Port St. Lucie, FL
11/4	Mobile, AL
11/4	Eustis/Mt.Dora, FL
11/4-5	Lawrenceville, GA
11/11	Titusville ARC Cliff Hoag, KC4SYD
11/18-19	Tampa, FL
12/2	Dotham, AL
12/2	Okeechobee, FL
12/9	Lake City, FL

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